



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: )  
**CAIN ET AL.** )  
Serial No. **10/658,022** )  
Filing Date: **SEPTEMBER 9, 2003** )  
For: **MOBILE AD HOC NETWORK (MANET)** )  
**WITH QUALITY-OF-SERVICE (QOS)** )  
**PROTOCOL HIERARCHY AND RELATED** )  
**METHODS** )

PRELIMINARY AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Before examination of the patent application on the  
merits, please amend the above-identified application as follows:



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**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 25<sup>th</sup> day of February, 2004.